

**Please amend the ABSTRACT as follows:**

An object of the invention is to provide method of operating a projection-type system, which method is capable of suppressing flicker and minimizing gradation disorder at the same time by superimposing a pulse current on a d.c. lamp current to stabilize arc while synchronizing the superimposition of the pulse current on the d.c. lamp current with a predetermined segment. The method of operating a projection-type system configured to pass light ~~(Φ)~~ emitted from a high-pressure discharge lamp ~~(1)~~ lit by d.c. lighting through divided plural color segments ~~(3a)~~... sequentially to project an image onto a screen ~~(7)~~, includes superimposing a pulse current ~~(P)~~ on a d.c. lamp current ~~(R)~~ in the high-pressure discharge lamp ~~(1)~~ in synchronism with at least one specific color segment.